

Title (en)
STATOR IN AN ELECTRIC MOTOR

Title (de)
STATOR IN EINEM ELEKTROMOTOR

Title (fr)
STATOR DANS UN MOTEUR ÉLECTRIQUE

Publication
EP 2070181 A1 20090617 (DE)

Application
EP 07820336 A 20070919

Priority
• EP 2007059892 W 20070919
• DE 102006045355 A 20060926

Abstract (en)
[origin: WO2008037640A1] A stator in an electric motor comprises a stator part configured as a hollow body, the part comprising a receiving space for receiving a rotating armature. The walls of the stator part are made of a magnetically conductive material and carry a magnet. In the circumferential direction, the walls of the stator part have a varying wall thickness, which is tapered in the region of the magnet and is configured in a reinforced manner, at least in some sections, in the region outside of the magnet. The stator is designed to have at least two parts, comprising an interior and an exterior stator part, wherein at least one of the stator parts has a varying wall thickness in the circumferential direction.

IPC 8 full level
H02K 1/17 (2006.01); **H02K 15/03** (2006.01)

CPC (source: EP)
H02K 23/04 (2013.01)

Citation (search report)
See references of WO 2008037640A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006045355 A1 20080403; EP 2070181 A1 20090617; WO 2008037640 A1 20080403

DOCDB simple family (application)
DE 102006045355 A 20060926; EP 07820336 A 20070919; EP 2007059892 W 20070919